

## WHAT IS CLAIMED IS:

1. An electro-stimulating massage confiner, comprising:  
an enclosure for fitting a portion of human body having a  
plurality of conducting areas made of a conducting fiber  
5 material, said conducting areas having an arrangement  
selected from the group of forming an integral area of a single  
electric polarity, a pair of areas of opposite polarities and a  
plurality of pairs of areas of opposite polarities, said  
conducting areas having a coverage selected from the group of  
10 whole said enclosure and partial regions of said enclosure,  
said conducting areas being separated by an insulating  
material; and  
a plurality of conducting buttons each corresponding to one  
said conducting area;  
15 whereby said conducting buttons of said electro-stimulating  
massage confiner can be connected to a controller so as to  
produce an electro-stimulating massage effect.
2. The electro-stimulating massage confiner of claim 1 wherein  
said conducting areas are a plurality of areas having an  
20 extended distribution over said massage confiner.
3. The electro-stimulating massage confiner of claim 1 wherein  
said enclosure is provided with a plurality of pairs of  
conducting areas having opposite electric polarities, and  
wherein each of said conducting areas has a corresponding  
25 conducting button.
4. The electro-stimulating massage confiner of claim 1 wherein

- said enclosure is a sock and a plurality of said pairs of conducting areas of opposite electric polarities are disposed at selected locations on a bottom side of said sock.
5. The electro-stimulating massage confiner of claim 4 wherein  
5 said pairs of conducting areas are distributed corresponding to the acupuncture points on the bottom side of a foot.
6. The electro-stimulating massage confiner of claim 1 wherein said enclosure is a glove and said conducting areas of opposite electric polarities are respectively attached onto an upper  
10 inner surface and a lower inner surface of said glove.
7. The electro-stimulating massage confiner of claim 1 wherein said enclosure is a ring sleeve composed of two conducting areas of opposite electric polarities and insulating sections that divide said conducting areas.
- 15 8. The electro-stimulating massage confiner of claim 7 wherein said insulating sections are made of a non-conducting, flexible material.
9. The electro-stimulating massage confiner of claim 1 wherein said enclosure is a ring sleeve formed by enclosing a band by  
20 a plurality of adhesive members thereon.
10. The electro-stimulating massage confiner of claim 1 wherein said controller includes a central integrated circuit for transmitting pulsating electric signals that charges and discharge capacitors and inductors therein so as to generate  
25 high-voltage pulses; and wherein the pulse width of said high-voltage pulses is program-controllable for providing a massage effect of various strengths at low and middle

frequencies.

11. The electro-stimulating massage confiner of claim 13 wherein said pulse width of said electric pulses produced by said controller ranges from 1Hz to 150 Hz
- 5 12. The electro-stimulating massage confiner of claim 10 wherein a sequence of high-voltage pulses produced by said controller provides are sent to a plurality of conducting buttons to form an output terminal.